

Docket No. 87304.1860

PATENT

**DECLARATION AND POWER OF ATTORNEY**

As below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled **APPARATUS AND METHOD FOR CONTROLLING THE TEMPERATURE OF THE CORE OF A SUPER-CONDUCTING TRANSFORMER** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s):** **Priority Claimed**  
**Number** **Country** **Day/Month/Year filed** **Yes** **No**

I hereby claim the benefit under 35 USC Section 119(e) of any United States provisional application(s) filed 11/11/11.

**Prior Provisional Application(s):**  
**Application Number**      **Filing Date**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U. S. Application(s):** Serial No. Filing Date Status: Patented Pending Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP the power to insert on this Declaration any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

We hereby appoint the following attorney(s) and/or agent(s):

Leo J. Jennings	Reg. No. 32,902
Kenneth J. Sheehan	Reg. No. 36,270
Edna Vassilovski	Reg. No. 42,198
Dennis P. Cawley	Reg. No. 44,598
Dawn M. Sims	Reg. No. 47,090
Sean A. Pryor	Reg. No. 48,103

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Tradem Office connected therewith, and all future correspondence should be addressed to the address at the aforementioned customer numb with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Tradem Office connected therewith, and all future correspondence should be addressed to:

BAKER & HOSTETLER LLP  
Washington Square, Suite 1100  
1050 Connecticut Avenue, N.W.  
Washington, D.C. 20036  
Tel. 202 861 1500  
Fax 202 861 1783

Full name of inventor: Thomas Golay

Inventor's signature:

Date: 1-15/01

Residence: Pewaukee, MI

Residence: Pewaukee, MI Date: 14/13/61

Residence: Pewaukee, MI Date: 14/13/61

Citizenship: USA

Mailing Address: W. 277 N. 2242 Lakeview Pewaukee MI 53072

Full name of inventor: Edward Pleva

Inventor's signature:

Date: 12/24/01

### Residence Number

Gutmann

Mailing Address: 2028 Rockwell, Suite 100, Milwaukee, WI 53214

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Full name of inventor: Shirish MehtaInventor's signature: *Shirish Mehta*

Date: 12/20/01

Residence: Waukesha, WI

Citizenship: USA

Mailing Address: W. 270 S. 25270 Apache Pass, Waukesha, WI 53186

The Patent Office acknowledges, and has stamped hereon, the date of receipt of the items checked:

Date: January 30, 2002 Atty Docket: 87304.1860

Applicant(s): Thomas Golner, Edward Pleva and Shirish Mehta

Application No.: 10/017,381

Filed: 12/18/01 Group Art Unit: 2859 Batch No.:

Recordation of Assignment

Check for \$40.00 filing fee

Charge any discrepancies to Deposit Account 50-2036

Attorney: DMS/ns



REMITTANCE STATEMENT: THE ATTACHED CHECK IS TENDERED IN FULL PAYMENT OF ITEMS LISTED BELOW

Inv No	Inv Date	Amount	Dscnt	Dawn M. Sims	Net Amt
1002361	01/30/02	40.00	0.00		40.00

200038325 01/30/02

\$40.00  
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412

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ASSISTANT COMMISSIONER OF PATENTS

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1002361 104120389510892711

A SECURITY FEATURES INCLUDED. DETAILS ON BACK. A

  
By Dawn M. Sims MP  
AUTHORIZED SIGNATURE

DOCKET NO.: 87304.1860

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):  
Thomas M. Golner, Edward F. Pleva and Shrish P. Mehta

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: December 19, 2001

2. Name and address of receiving party(ies):  
Name: Waukesha Electric Systems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 400 S. Prairie AvenueCity: Waukesha State/Country: WI ZIP: 53186Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): 10/017,381

If the document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No(s).  
B. Patent No(s).Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: BAKER & HOSTETLER LLP

Internal Address: \_\_\_\_\_

Street Address: Washington Square, Suite 1100,1050 Connecticut Avenue, N.W.City: Washington State: DC ZIP: 200366. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00 Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

50-2036

## DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Dawn M. Sims, Registration No. 47,090  
Name and Registration No. of Person SigningDawn M. Sims

Signature

1-30-02

Date

Total number of pages 4

CMB No. 0851-0011 (exp. 4/94)

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**PATENT****ASSIGNMENT**

**WHEREAS** We, Thomas M. Golner, Edward F. Pleva and Shrish P. Mehta, having an address of W. 277 N. 2242 Lakeview, Pewaukee, WI 53072, 2928 Berkshire Drive, Waukesha, WI 53188 and, W. 270 S. 25270 Apache Pass, Waukesha, WI 53186, respectively, ("Assignor"), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled **APPARATUS AND METHOD FOR CONTROLLING THE TEMPERATURE OF THE CORE OF A SUPERCONDUCTING TRANSFORMER**, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

**AND WHEREAS**, Waukesha Electric Systems, Incorporated, (WI Corporation), having an address 400 S. Prairie Avenue, Waukesha, WI 53186, ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

**NOW, THEREFORE**, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

**UPON SAID CONSIDERATION**, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of **BAKER & HOSTETLER LLP** the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

12/19/01  
DateThomas Golner  
Thomas GolnerSTATE OF Wisconsin)  
COUNTY OF Waukesha) SS:

On this 19th day of December, 2001, before me personally appeared Thomas Golner to me known to be the persons named in and who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes therein set forth.

S E A L

Debra H. Lathrop  
Notary PublicMy commission expires 2/13/0512/19/01  
DateEdward Pleva  
Edward PlevaSTATE OF Wisconsin)  
COUNTY OF Waukesha) SS:

On this 19th day of Dec., 2001, before me personally appeared Edward Pleva to me known to be the persons named in and who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes therein set forth.

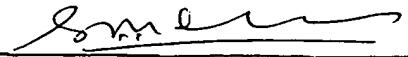
S E A L

Thomas Golner  
Notary PublicMy commission expires 2/27/05

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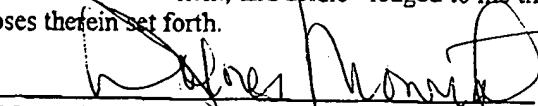
December 19, 2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Shirish Mehta

STATE OF WISCONSIN )  
COUNTY OF WAUKESHA ) SS:

On this 19th day of Dec. 2001, before me personally appeared Shirish Mehta to me known to be the persons named in and who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes therein set forth.

S E A L.

  
Notary PublicMy commission expires February 27, 2005

(NOTE: Legalization is not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. 261).